IN THE SPECIFICATION

Please replace the previously amended paragraphs beginning at page 23, line 24 to page 25, line 4, with the following amended paragraphs:

FIG. 10 is a flowchart for obtaining a parallelism adjustment value in step S103.

In this processing, the distance (P10~P12) between point P10 and point P12 and the distance (P17~P18) between point P17 and point P18 are determined from the read test pattern (surface), and on the basis of them, a parallelism misregistration amount C

C = (P10~P12)-(P17~P18)

is computed (step S301). Next, it is determined whether the obtained parallelism misregistration amount C is smaller than a predetermined permissible parallelism misregistration amount Cs (step S302). If the parallelism misregistration amount C is equal to or larger than the permissible parallelism misregistration amount Cs, a parallelism adjustment value c corresponding to the parallelism misregistration amount C is selected on the basis of a predetermined computation expression (step S303), and the selected parallelism adjustment value c is stored in the NMV 104 (step S304). On the other hand, if the parallelism misregistration amount C is smaller than the permissible parallelism misregistration amount Cs in step S302, processing terminates.

FIG. 11 is a flowchart for obtaining a squareness adjustment value in step S104. In this processing, the distance (P6~P4) between point P6 and point P4 and the distance (P2~P16) between point P2 and point P16 are determined from the read test pattern (surface), and on the basis of them, a squareness misregistration amount D (the distance between a perpendicular to a

line passing through points P6 and P4 extending perpendicularly from point P2, and point 16) is computed (step S401). Next, it is determined whether the obtained squareness misregistration amount ~~C~~ D is smaller than a predetermined permissible squareness misregistration amount Ds (step S402). If the squareness misregistration amount D is equal to or larger than the permissible squareness misregistration amount Ds, a squareness adjustment value d corresponding to the squareness misregistration amount D is selected on the basis of a predetermined computation expression (step S403), and the selected squareness adjustment value d is stored in the NMV 104 (step S404). On the other hand, if the squareness misregistration amount D is smaller than the permissible squareness misregistration amount Ds in step ~~402~~ S402, processing terminates.